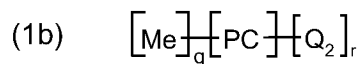


## Claim Listing

1.(currently amended): A composition comprising at least one water-soluble phthalocyanine photocatalyst of formula 1(b)



in which

PC is the phthalocyanine ring system;

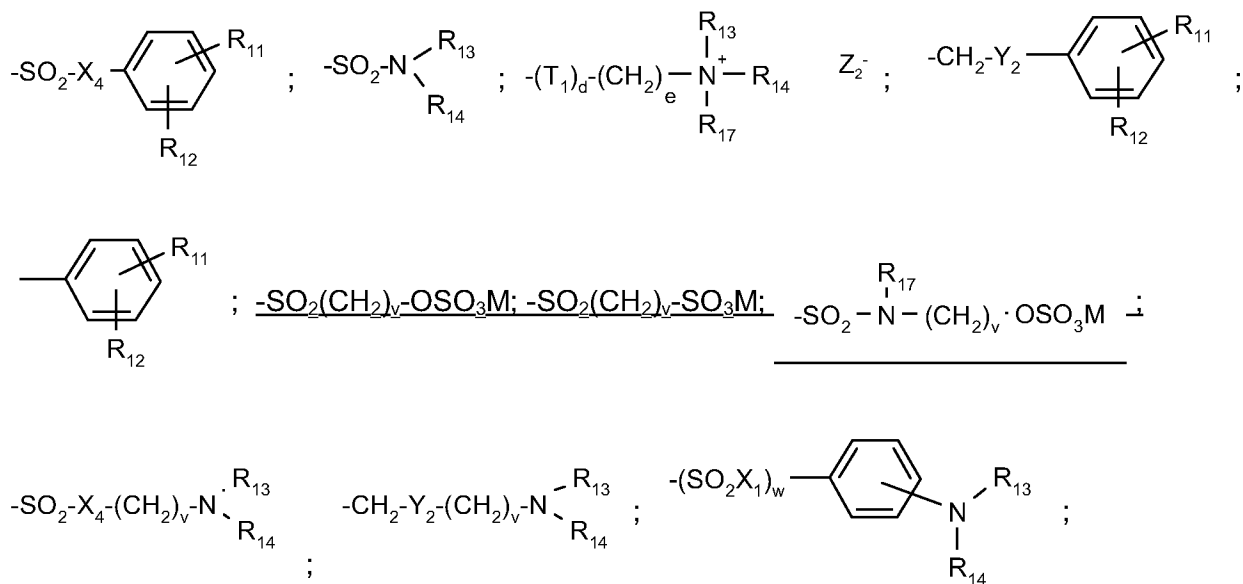
Me is Zn; Fe(II); Ca; Mg; Na; K; Al-Z<sub>1</sub>; Si(IV); P(V); Ti(IV); Ge(IV); Cr(VI); Ga(III); Zr(IV); In(III); Sn(IV) or Hf(VI);

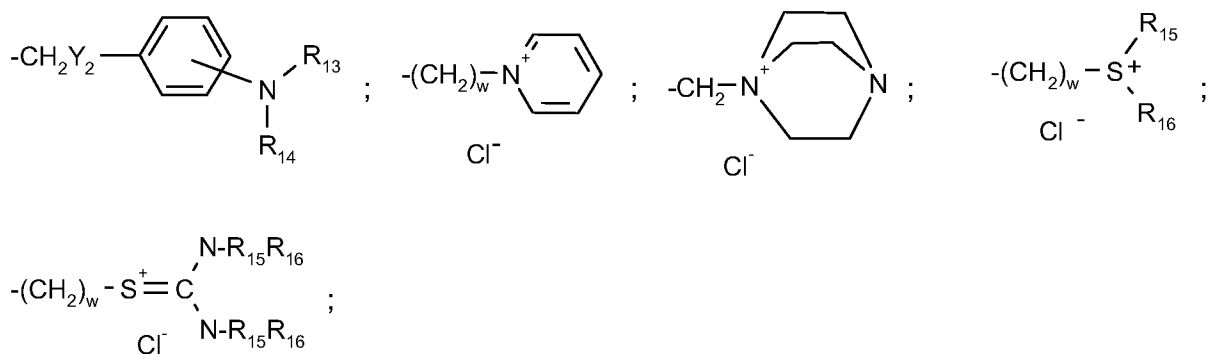
Z<sub>1</sub> is a halide; sulfate; nitrate; carboxylate; alkanolate; or hydroxyl ion;

q is 0; 1 or 2;

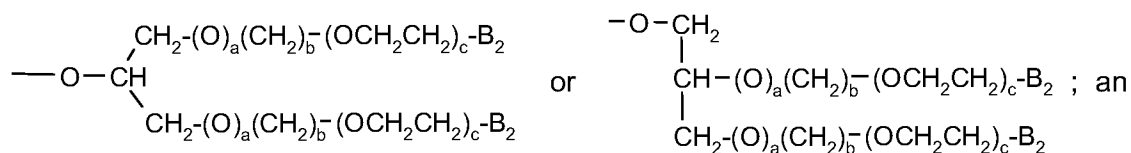
r is any number from 1 to 4;

Q<sub>2</sub> is hydroxyl; C<sub>1</sub>-C<sub>22</sub>alkyl; branched C<sub>3</sub>-C<sub>22</sub>alkyl; C<sub>2</sub>-C<sub>22</sub>alkenyl; branched C<sub>3</sub>-C<sub>22</sub>alkenyl and mixtures thereof; C<sub>1</sub>-C<sub>22</sub>alkoxy; a sulfo or a carboxyl radical; a radical of the formula





a branched alkoxy radical of the formula



alkylethyleneoxy unit of the formula an alkylethyleneoxy unit of the formula

$\text{-(T}_1\text{)}_d\text{-(CH}_2\text{)}_b\text{-(OCH}_2\text{CH}_2\text{)}_a\text{-B}_3$  or an ester of the formula  $\text{COOR}_{18}$

in which

$\text{B}_2$  is hydrogen; hydroxyl;  $\text{C}_1\text{-C}_{30}$ alkyl;  $\text{C}_1\text{-C}_{30}$ alkoxy;  $\text{-CO}_2\text{H}$ ;  $\text{-CH}_2\text{COOH}$ ;  $\text{-SO}_3^-\text{M}_1$ ;  $\text{-OSO}_3^-\text{M}_1$ ;

$\text{-PO}_3^{2-}\text{M}_1$ ;  $\text{-OPO}_3^{2-}\text{M}_1$ ; and mixtures thereof;

$\text{B}_3$  is hydrogen; hydroxyl,  $\text{-SO}_3^-\text{M}_1$ ;  $\text{-OSO}_3^-\text{M}_1$ ;  $\text{-COOH}$  or  $\text{C}_1\text{-C}_6$ alkoxy;

$\text{M}_1$  is a water-soluble cation;

$\text{T}_1$  is  $\text{-O-}$ ; or  $\text{-NH-}$ ;

$\text{X}_1$  and  $\text{X}_4$  independently of one another are  $\text{-O-}$ ;  $\text{-NH-}$  or  $\text{-N-C}_1\text{-C}_5$ alkyl;

$\text{R}_{11}$  and  $\text{R}_{12}$  independently of one another are hydrogen; a a sulfo group and salts thereof, a carboxyl group and salts thereof or a

hydroxyl group; at least one of the radicals  $\text{R}_{11}$  and  $\text{R}_{12}$  being a sulfo group and salts thereof; a carboxyl group or salts thereof,

$\text{Y}_2$  is  $\text{-O-}$ ;  $\text{-S-}$ ;  $\text{-NH-}$  or  $\text{-N-C}_1\text{-C}_5$ alkyl;

$\text{R}_{13}$  and  $\text{R}_{14}$  independently of one another are hydrogen;  $\text{C}_1\text{-C}_6$ alkyl; hydroxy- $\text{C}_1\text{-C}_6$ alkyl; cyano- $\text{C}_1\text{-C}_6$ alkyl; sulfo-  $\text{C}_1\text{-C}_6$ alkyl; carboxy or halogen- $\text{C}_1\text{-C}_6$ alkyl; unsubstituted phenyl or phenyl substituted by halogen,  $\text{C}_1\text{-C}_4$ alkyl or  $\text{C}_1\text{-C}_4$ alkoxy; sulfo or carboxyl or  $\text{R}_{13}$  and  $\text{R}_{14}$  together with the nitrogen

atom to which they are bonded form a saturated 5- or 6-membered heterocyclic ring which may

additionally also contain a nitrogen or oxygen atom as a ring member;

R<sub>15</sub> and R<sub>16</sub> independently of one another are C<sub>1</sub>-C<sub>6</sub>alkyl or aryl-C<sub>1</sub>-C<sub>6</sub>alkyl radicals;

R<sub>17</sub> is hydrogen; an unsubstituted C<sub>1</sub>-C<sub>6</sub>alkyl or C<sub>1</sub>-C<sub>6</sub>alkyl substituted by halogen, hydroxyl, cyano, phenyl, carboxyl, carb-C<sub>1</sub>-C<sub>6</sub>alkoxy or C<sub>1</sub>-C<sub>6</sub>alkoxy;

R<sub>18</sub> is C<sub>1</sub>-C<sub>22</sub>alkyl; branched C<sub>3</sub>-C<sub>22</sub>alkyl; C<sub>1</sub>-C<sub>22</sub>alkenyl or branched C<sub>3</sub>-C<sub>22</sub>alkenyl; C<sub>3</sub>-C<sub>22</sub>glycol; C<sub>1</sub>-C<sub>22</sub>alkoxy; branched C<sub>3</sub>-C<sub>22</sub>alkoxy; and mixtures thereof;

M is hydrogen; or an alkali metal ion or ammonium ion,

Z<sub>2</sub><sup>-</sup> is a chlorine; bromine; alkylsulfate or aralkylsulfate ion;

a is 0 or 1;

b is from 0 to 6;

c is from 0 to 100;

d is 0; or 1;

e is from 0 to 22;

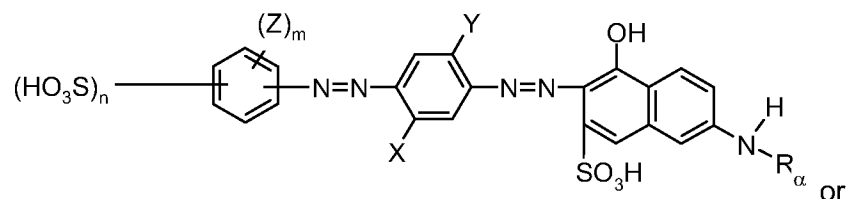
v is an integer from 2 to 12;

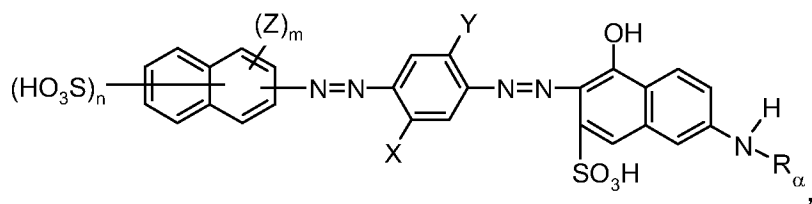
w is 0 or 1;

where the phthalocyanine ring system may also comprise further solubilising groups and at least one azo dyestuff and/or at least one triphenylmethane dyestuff, which produce a relative hue angle of 220-320 °, wherein the dyestuff component is degraded when the composition is exposed to sunlight and wherein the degradation rate of the azo dyestuff(s) and/or triphenylmethane dyestuff(s) is at least 1% per 2 hours.

2-5. (cancelled).

6.(previously presented): A composition according to claim 1, comprising at least one azo dyestuff of formula





wherein

X and Y, independently of one another, are each hydrogen; C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-alkoxy,

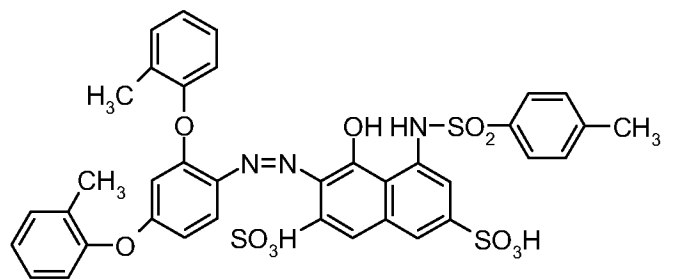
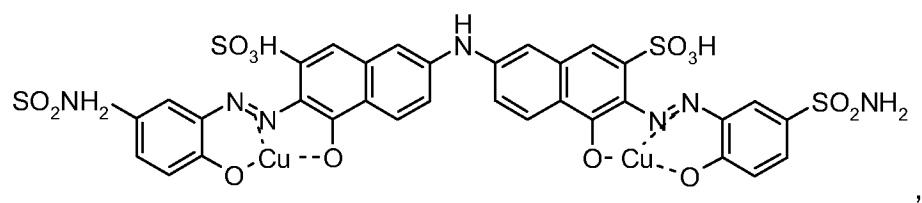
R<sub>α</sub> is hydrogen or aryl,

Z is C<sub>1</sub>-C<sub>4</sub>-alkyl; C<sub>1</sub>-C<sub>4</sub>-alkoxy; halogen; hydroxyl or carboxyl,

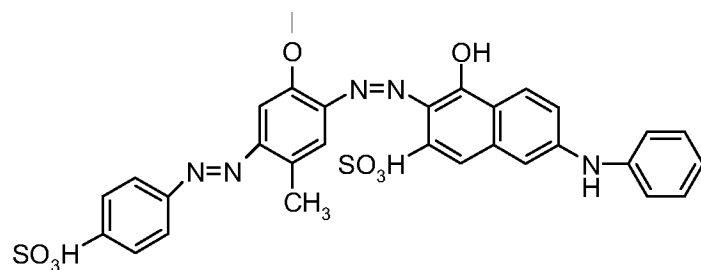
n is 1 or 2 and

m is 0, 1 or 2, as well as the corresponding salts thereof and mixtures thereof.

7.(previously presented): A composition according to claim 1, comprising at least one azo dyestuff of formula



or



8. (previously presented): A composition according to claim 1, comprising at least one triphenylmethane dyestuff of formula



10. (previously presented): A granular formulation comprising a composition according to claim 1.

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- a) from 2 to 75 wt-% of at least one water-soluble phthalocyanine compound and at least one azo dyestuff and/or at least one triphenylmethane dyestuff based on the total weight of the granulate,
- b) from 10 to 95 wt-% of at least one further additive, based on the total weight of the granulate, and
- c) from 0 to 15 wt-% water, based on the total weight of the granulate.

12. (previously presented): A liquid formulation comprising a composition according to claim 1.

13. (withdrawn): A detergent formulation comprising

- I) from 5 to 70 wt-% A) of at least one anionic surfactant and/or B) at least one non-ionic surfactant, based on the total weight of the washing agent formulation,
- II) from 5 to 60 wt-% C) of at least one builder substance, based on the total weight of the washing agent formulation,
- III) from 0 to 30 wt-% D) of at least one peroxide and, optionally, at least one activator, based on the total weight of the washing agent formulation, and
- IV) from 0.001 to 1 wt-% E) of at least one granulate which contains
  - a) from 2 to 75 wt-% of at least one water-soluble phthalocyanine compound and at least one azo dyestuff and/or at least one triphenylmethane dyestuff as defined in claim 1, based on the total weight of the granulate,
  - b) from 10 to 95 wt-% of at least one further additive, based on the total weight of the granulate, and
  - c) from 0 to 15 wt-% water, based on the total weight of the granulate,
- V) from 0 to 60 wt-% F) of at least one further additive, and
- VI) from 0 to 5 wt-% G) water.

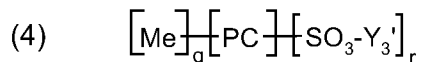
14.(withdrawn): A softener composition comprising

- (a) a composition comprising at least one photocatalyst and at least one azo dyestuff and/or at least one triphenylmethane dyestuff, as defined in claim 1, and
- (b) a fabric softener.

15. (withdrawn): A shading process using a composition as claimed in claim 1.

16. (previously presented): Textile treated with a composition as claimed in claim 1.

17. (new). A composition according to claim 1, wherein the formula (1b) is the water-soluble phthalocyanine photocatalyst of formula (4)



in which

PC is the phthalocyanine ring system;

Me is Zn; Fe(II); Ca; Mg; Na; K; Al-Z<sub>1</sub>; Si(IV); P(V); Ti(IV); Ge(IV); Cr(VI); Ga(III); Zr(IV); In(III); Sn(IV) or Hf(VI);

Z<sub>1</sub> is a halide; sulfate; nitrate; carboxylate; alkanolate; or hydroxyl ion;

q is 0; 1; or 2;

Y<sub>3</sub>' is hydrogen; an alkali metal ion or ammonium ion; and

r is any number from 1 to 4.

18. (new) A compositions according to claim 17, wherein the dyestuff is selected from the group consisting of

